21

Firist & Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B 497519

Serial No. Development & Burial Ground at Kodigehalli village in ward
Name of Work No. 08. From To
Name of Contractor of nature of Agency Sri A. Hemadri Reddy. Banglore.
Date of commencement of work 31-7-2019

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No:	BBMP/EE/BTP/WO/70/19-20 Dt:					31-07-2019.
	Job Code:	008-19-000009					
	Est cost:	Rs. 50.00 Lakhs					
	: ABSTRACT :						
1)	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches	As per E-MB page no: (1) in				229.70 m^3	41033.00

@Rs. 309.19/m^3

21

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with 20 mm and down size graded Granite metal.						
	Qty vide F-MB Page No. (1) is					38.29 m³	
						CR. 5490.03/m³	210213=00
3)	Providing and constructing granite size stone masonry in foundation cement mortar 1:6 stone hammered in courses not less than 20 cm high bond stone						
	Qty vide F-MB Page No. (1) is					143.97 m³	
						CR. 4752.72/m³	826831=00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
4)	Providing and constru masonry in basement chittle dressed in co
	Qt
5)	Providing and remov propping etc for colum rectangular / polygon

21

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th	Depth 6	Contents 7	Reference to last Measurement 8
		ement concrete ith 20 mm and	
w	(1) in	38.29 m³	210213=00
	5490.03/m³		
		e masonry in ered in courses	
	(1) is	143.97 m³	
	752.72/m³		826831=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497520

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4) providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar in the edges of stones chisselled dressed in course mortars thickness 15 cm & high						
	Qty vide E-MB page no (1) is					38.29 m³	
	@Rs. 5609.97/m³						217103=00
	5) providing and removing, centering, shuttering, striking propping etc for columns, pillars, post and struts square / rectangular / polygon in plan						
	Qty vide E-MB page no (1)					287.83 m²	154619=00
	@Rs. 537.19/m²						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	providing and removing centering, shuttering, struting propping etc and removal of form work for vertical surface such as walls at any thickness						
	Qty vide E-MB page no. (6) is					120.60 m²	
	@ Rs. 320.20/m²						38616.00
7)	providing and removing centering, shuttering, struting propping etc and removal of form work for sides and soffit of beams beam haunchings, cantilever, girders brestsummers and lintels						
	Qty vide E-MB page no: (2) is					60.30 m²	
	@ Rs. 301.95/m²						18208.00

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
8)	providing and laying in po & design mix M 20 with OPC c down size graded granite m	
	Qty vide E	
9)	Providing and laying in ponit & design mix M 20 with OP and down size graded gr	
	Qty vide	

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
y. Strutting vertical surface			
·6 is		120·60 m²	3861b=00
320.20/m²			
y. Strutting propping d scaffolding of beams umners and inclined			
o: ② is		60·30 m²	18208=00
301.95/m²			

21

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497521

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20 mm and down size graded granite metal coarse aggregates. Qty vide E-MB page no. ② is					57.48 m³	
	CR. 6387.13/m³						367132=00
9)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20 mm and down size graded granite metal Qty vide E-MB page no. ② is					6.03 m³	
	CR. 6092.91/m³						36740=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking placing in position lapping and/or welding wherever required tying with binding wire Qty vide E-MB page no. (3) is @Rs. 73385.84/Tonne					8.58 Tonnes 629651=00	
11)	Filling available excavated earth (excluding Rock) in sides of foundation up to plinth in layers not exceeding 20 cm in depth Qty vide E-MB page no. (3) is @Rs 131.33/m³					9.80 m³ 1287=00	

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Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
12)	Providing and constructing ... concrete blocks of size 400 ... density not less than 1800 kg Qty vide ...	
13)	Providing 20 mm thick cem... cement mortar 1:6 to stone ... including rounding off corners Qty vide	

OOK

lth	Depth 6	Contents 7	Reference to last Measurement 8
			c.c work including in position ing with binding
			no. (3) is 8.58 Tonnes
			629651=00 .73385.84/Tonne
			ually Rock) in rs not exceeding
			no. (3) is 9.80 m³
			1287=00 131.33/m³

21

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497522

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
12)	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having blocks density not less than 1800 kg/m³ and having a minimum Qty vide F-MB Page No. (3) is					322.27 m²	
	@Rs. 994.80/m²						320594=00
13)	Providing 20 mm thick cement plaster in single coat with cement mortar 1:6 to stone masonry and concrete surface including rounding of corners Qty vide F-MB Page No. (3) is					942.02 m²	
	@Rs. 262.66/m²						247431=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	14) Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface						
	Qty vide E-MB Page No. 3 & 4 is					942.02 m²	
	@ Rs. 105.47/m²						99355.00
	15) providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20 mm and down size graded granite metal coarse						
	Qty vide E-MB Page No. 4 is					4.02 m³	
	@ Rs. 5606.89/m³						22540.00

21

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	16) Providing and fixing M.S. gr...	
	wig 50 mm x 50 mm in g...	
	bent to ornamental shape...	
	x 6 mm and 16 x 16 mm ...	
	Qty vide	
	17) Removing and refitting	
	Qty vi...	

21

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
ı two coats with rand and shade to ing the surface			
no. ③ & ④ is		942.02 m²	
s. 105.47/m²			99355=00
cement concrete ith 20 mm and rde			
no. ④ is		4.02 m²	
. 5606.89/m²			22540=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497523

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
16)	Providing and fixing M.S. gate as per chief architect drawing with 50 mm x 50 mm M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35 mm x 6 mm and 16 x 16 mm square						
	By side E - MB page No. ⑫ is					13.50 m²	
						Rs. 3114.70/m²	42048=00
17)	Removing and refitting of footpath slab						
	By side E - MB page No. ④ is					50.40 m²	
						Rs. 199.94/m²	10077=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18)	Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 m and an average lift up to 0.5 m excavated surface.						
	Qty vide E-MB Page No. (4) is					95.76 m^3	
	@ Rs. 229.76/m^3						22002.00
19)	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @ 220 kgs with 40 mm and down size graded granite metal coarse						
	Qty vide E-MB Page No. (4) is					25.12 m^3	
	@ Rs. 5371.1/m^3						134922.00

21

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
20)	Providing and cons... in foundation cem... in course not less t... @
21)	Providing and con... concrete blocks ... density not less the...

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BOOK

dth 5	Depth 6	Contents 7	Reference to last Measurement 8
ns in ording s upto 2 m and face.			
No. (4) is	95.76 m³		22002=00
229.76/m²			
cement concrete with hoppers and e			
No. (11) is	25.12 m³		134922=00
71.1/m²			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497524

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
20)	Providing and constructing granite size stone masonry in foundation cement mortar 1:6 stone hammered dressed in course not less than 20 cm high						
	Qty vide E-MB page No. 4 & 5 is					27.14 m³	
	@ Rs. 4752.72/m³						128989=00
21)	Providing and constructing load bearing wall with solid concrete blocks of size 400 x 150 x 200 mm having block density not less than 1300 kg/m³						
	Qty vide E-MB page No. (5) is					53.60 m²	51215=00
	@ Rs. 955.50/m²						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
22)	Providing flush pointing to square rubble course or uncoursed stone masonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm Qty vide E-MB page no. (5) = 107.20 m² @ Rs. 145.80/m²						15630.00
23)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20 mm and down size graded granite metal coarse Qty vide E-MB page no. (5) = 10.05 m³ @ Rs. 5606.89/m³						56349.00

21

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
24)	Providing canal fixing thick for circular in granite jelly 20 mm cu

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

10/10

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ubble course or h mortar 1:3 20 mm m			
page no. (5) is 107.20 m²			15630=00
@Rs. 145.80/m²			
ain cement concrete s with 20 mm and o course			
page no. (65) is 10.05 m³			56349=00
@Rs. 5606.89/m³			

21

M. A. R. 57 (Rule 116)
Measurement Book

No. B

497525

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
24)	providing and fixing R.C.C precast covering slab of 100 mm thick for drain in cement concrete M20 mix graded granite jelly 20 mm and downsize with steel reinforcement etc complete as per NBD page no. 05 is 251.40 m²						505503=00
	@Rs. 2010.75/m²					Total	4228088=00
						GST @ 12%	507371=00
						Grand Total	4735459=00

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

10/10/19

Assistant Executive Engineer.
Kodigehalli Sub Division,

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	certificate: certified that the work done is satisfactorily. 30/10/19 Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

21

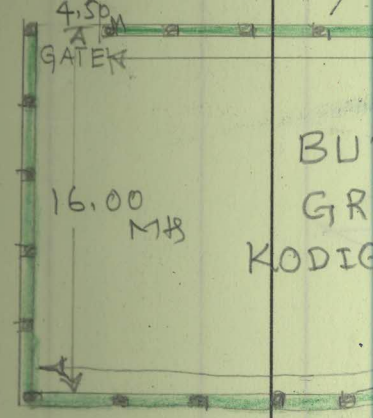
M.

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	SWD 2	3
	 BU GR KODIG	

30/x/19

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8

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Executive Engineer,
alli Sub Division,
a Zone, B.B.M.P.,
Bangalore.

21

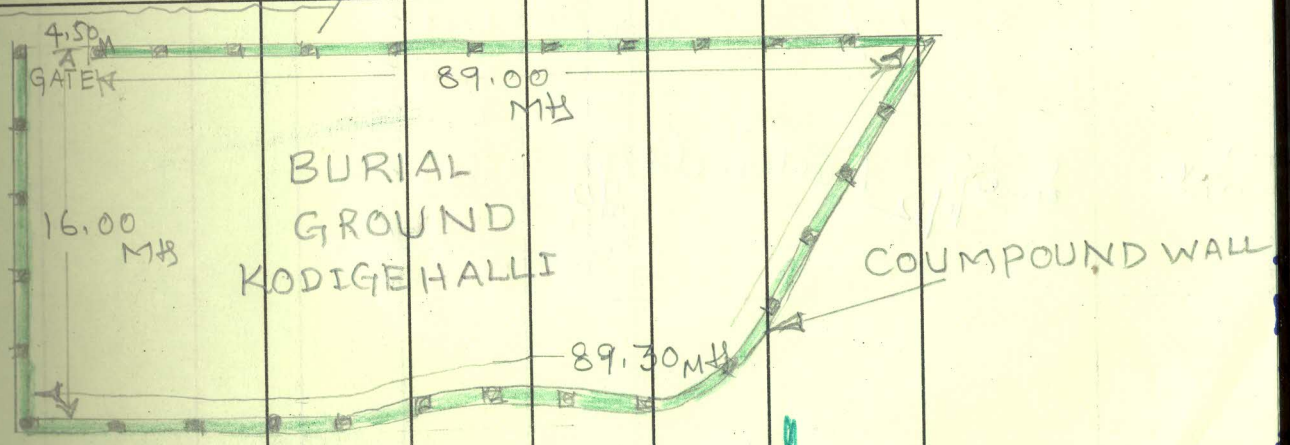
M. A. R. 57 (Rule 116)
Measurement Book

No. B

497526

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	SWD						



30/X/19

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

HT ← final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P0190 HT & Final						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Works sanctioned by Hon. MLA/MLC ಅಡಿ		TTB 4735459				
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 4735459/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.		2+ 473555				
	ಇದರಲ್ಲಿ ರೂ. 227557/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ		Cust 422881				
	ಮಾಡಿಕೊಂಡು ರೂ. 4507902/- ಗಳನ್ನು		Sest 422881				
			CE 473555				
	FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಬಹುದಿದೆ		CBF 4735				
	ಲಿಪಿಕ ವಿಷಯ ನಿರ್ವಾಹಕರು ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು		Royalty 43550				
	ಲೆಕ್ಕಾಧಿಕಾರಿ 5/12 ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಡರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು		Ded 227557				
			Chen 4507902				

Serial No. ....
Name of W ..... Fro
Name of Co ..... e of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3